

# Material Safety Data Sheet

## ClearZal Foot Sanitiser MSDS

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### Section 1: Product and Company Identification

Product Name: ClearZal Foot Sanitiser	Contact Information: DiaDerm Laboratories
Catalog Codes: DDL 804 DDL 812	16835 Algonquin St. #410
Active: Benzalkonium Chloride 0.1%	Hunt. Bch., CA 92649
Active CAS#: 6824-81-1	US Sales: 1-800-644-3363
Active EC# 270-325-2	International: 1-714-847-1103
	24HR Emergency, call: 1-800-644-3363
	For non-emergency assistance, call: 1-714-847-1103

### Section 2: Product Ingredients and CAS #

INGREDIENTS	CAS NO.
BENZALKONIUM CHLORIDE	68424-85-1
ALOE VERA	85507-69-3
COCAMIDOPROPYL BETAINE	68139-30-0
D-PANTHENOL	81-13-0
COCAMIDOPROPYLAMINE OXIDE	68155-09-9
TEA TREE OIL (Melaleuca Alternifolia)	68647-73-4
BENZETHONIUM CHLORIDE	51229-78-8
CETRIMONIUM CHLORIDE	112-02-7
DISODIUM LAURETH SULFOSUCCINATE	40754-59-4
CARTHAMUS TINCTORIUS (Safflower Oil)	8001-23-8
CITRUS GRANDIS (Grapefruit Extract)	90045-43-5
BENZYL ALCOHOL DEHYDROACETIC ACID	520-45-6
TOCOPHERYL ACETATE (Vitamin E)	10191-41-0
CITRIC ACID	77-92-9
DISTILLED AQUA	7732-18-5

### Section 3: Hazards Identification

Appearance; Clear Colorless Solution.

Statement of Hazard: Non-Hazardous in accordance with international standards.

Potential Acute Health Effects: Potential hazardous in case of skin contact is minimal (irritant), of eye contact (irritant). Eye contact can result in short term irritation. Skin contact can possibly produce minimal inflammation and irritation.

Potential Chronic Health Effects: Not Available.

Hazard Symbol: None

#### **Section 4: First Aid Measures**

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation persists.

Skin Contact: None necessary under normal use conditions. Seek medical attention if irritation persists.

Serious Skin Contact: In case of skin irritation, immediately flush skin with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Seek medical attention if respiratory irritation develops.

Ingestion: No toxic effects are expected, as a precaution give 3-4 glasses of water or milk. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

#### **Section 5: Fire and Explosion Data**

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available. Flash Points: OPEN CUP: 250°C (482°F). Flammable Limits: Not available. Products of Combustion: Not available. Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

#### **Section 6: Accidental Release Measures**

Spill: No special requirements. Water clean up and rinse. Use appropriate tools to put the spilled solution in a convenient waste disposal container.

Large Spill: Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Caution: Spilled material is slippery.

## **Section 7: Handling and Storage**

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers Do not ingest. Never add water to this product. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

## **Section 8: Exposure Controls/Personal Protection**

Respiratory protection: None required under normal conditions in a ventilated area.

Ventilation type: Local - None.

Eye protection: Safety Goggles or glasses.

Skin protection: None required under normal conditions.

Work Hygiene practice: Cleanse hands as good hygiene dictates.

Exposure Limits: Not available

## **Section 9: Physical and Chemical Properties**

Physical state and appearance: Clear Solution with pleasant odor.

Odor: Aromatic.

Taste: Bitter. (Strong.)

Molecular Weight: Not available.

Color: Clear to yellowish.

pH (1% soln/water): 5.4

Boiling Point: 93°C (200°F).

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 1.005 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Solubility: Easily soluble in cold water, hot water.

## **Section 10: Stability and Reactivity Data**

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, dust generation, moisture, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive.

Special Remarks on Reactivity: Incompatible with nitrates, anion detergents

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

## **Section 11: Toxicological Information**

The product is intended for the external topical use in the form of a solution using the cosmetic range of ingredients

Routes of Entry: Eye, Skin, Inhalation. Ingestion.

Information on likely routes of exposure;

Eye Contact; May be irritating to eyes.

Skin: No Adverse effects due to skin contact are expected.

Inhalation: Health injuries are not known or expected under normal use.

Ingestion: Not applicable under normal conditions of use.

Symptoms related to the physical, chemical and toxicological characteristics:

There are no hazards associated with this product in normal use.

Mutagenicity: The finished product is not expected to have chronic health effects.

Reproductive: The finished product is not expected to cause reproductive or developmental effects.

Chronic effects: The finished product is not expected to have chronic health effects.

Special Remarks on Toxicity to Animals: Not available.

## **Section 12: Ecological Information**

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

### **Section 13: Disposal Considerations**

Waste Disposal: Waste must be disposed of in accordance with international, federal, state and local environmental control regulations. The material and container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers may contain some product residue. Avoid dispersal of split material and runoff and contact with soil, drains, and sewers.

### **Section 14: Transport Information**

49CFR/DOT Classification: Class 8: Not Regulated as Dangerous Goods

ICAO/IATA: Not Regulated as Dangerous Goods

IMDG: Not Regulated as Dangerous Goods

Special Provisions for Transport: Not available.

### **Section 15: Other Regulatory Information**

US Federal Regulations: This product is not known to be a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.): Health: 1

Flammability: 0

Reactivity: 0

Specific hazard: Protective Equipment:

Gloves. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

## **Section 16: Other Information**

References: Not available.

Other Special Considerations: Not available.

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